

ANKARA UNIVERSITY
COMPUTER ENGINEERING DEPARTMENT
Computer Programming I
Fall 2023-24

PA-2
Assist. Prof. Dr. İrem ÜLKÜ

Date: 19/12/2023

Tic Tac Toe

Res.Asst. Mert Çalış

Write a program that plays Tic Tac Toe game. Inputs will consist of locations and 'x' or 'o'. You need to create 3x3 gameboard with '-' char. Then, you will get the moves from user one by one and you will organize the game board according to inputs. You need to the print gameboard after every move. When the game is terminated, you need to print winning case and winner. Last but not least, you have to print bigger size of the final gameboard. Check I/O files for better understanding.

Important note : Do not use external functions such as min(), max(), sum(), sort(). You can use basic functions such as split() and input(), which are allowed to be used in our laboratory exams.

Please, check I/O files carefully.

Any type of cheating is strictly forbidden.

Submissions will not be accepted after the deadline.

Deadline: 22.12.2023, 23.55

Submission:

- 1- Name your Python source file as <student_id>.py; replace <student_id> using your student idnumber.
- 2- Upload your python file using the interface provided in e-kampüs course page.

Compiling Process:

```
//normal compile process  
python3 <yourfilename>.py
```

```
//to use .txt file as input  
python3 <yourfilename>.py<input.txt>
```

```
// to use .txt file as input      and to print the results to .txt file  
python3 <yourfilename>.py<input.txt>>output.txt
```

```
// to compare two files  
diff filename1 filename2
```

Please, PAY ATTENTION TO THE I/O FORMAT!